

APPENDIX A - PENDING CLAIMS

Claims 1-4 (Canceled)

5. (Original) A method of breeding an animal line for experimental use, comprising:
preselecting a first population of one or more conspecific animal(s) comprising cells
comprising chromosomes with telomeres of determinable lengths;
determining a statistical distribution of telomere lengths among cells of the animals of
said first population;
permitting animal(s) with a desired distribution of telomere lengths to produce
offspring.

6. (Original) The method of Claim 5, further comprising selecting the offspring to
produce a second population, such that the statistical distribution of telomere lengths among the
animals of said second population is modified compared to the distribution among the animals
of said first population, wherein said second population is intended for experimental use.

7. (Original) The method of claim 5, further comprising the step of altering a telomere
length of one or more chromosomes contained in a germ cell of an animal belonging to said
first population.

Claims 8-20 (Canceled)

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how is this done directly
only one chromo versus all?
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only supports mating